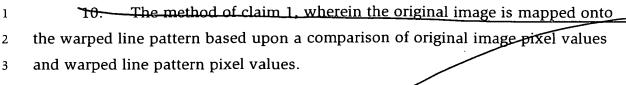
WHAT IS CLAIMED IS:

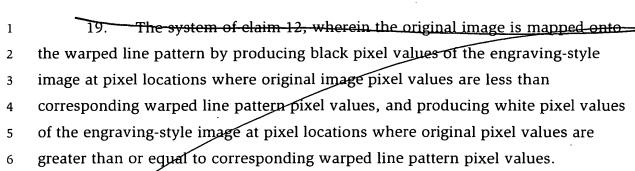
1	An image processing method, comprising:
2 .	warping an initial line pattern to produce a warped line pattern; and
3	mapping an original image onto the warped line pattern to produce an
4	engraving-style halftone image.

- 2. The method of claim 1, wherein the initial line pattern is warped based upon pixel values of the original image.
- 3. The method of claim 1, wherein the initial line pattern is oriented substantially along an initial direction and the initial line pattern is warped in a direction substantially orthogonal to the initial direction.
- 4. The method of claim 1, wherein the initial line pattern is warped based upon a density map extracted from pixel values of the original image.
- 5. The method of claim 4, further comprising producing a density map by sampling pixel values of the original image.
- 6. The method of claim 1, wherein the initial line pattern is warped based upon gradient information computed from pixel values of the original image.
- 7. The method of claim 6, further comprising computing gradient information for a pixel location based upon a weighted averaging of gradient information computed from neighboring pixel values.
- 8. The method of claim 1, wherein the initial line pattern is warped based upon a set of displacement values computed for pixel locations along each line of the initial line pattern.
- 9. The method of claim 1, wherein the initial line pattern is warped by inserting or removing one or more lines between adjacent lines of the initial line pattern.



- 11. The method of claim 10, wherein the original image is mapped onto the warped line pattern by producing black pixel values of the engraving-style image at pixel locations where original image pixel values are less than corresponding warped line pattern pixel values, and producing white pixel values of the engraving-style image at pixel locations where original pixel values are greater than or equal to corresponding warped line pattern pixel values.
- 12. An image processing system, comprising a processor programmed to warp an initial line pattern to produce a warped line pattern, and to map an original image onto the warped line pattern to produce an engraving-style halftone image.
- 13. The system of claim 12, wherein the initial line pattern is warped based upon a density map extracted from pixel values of the original image.
- 14. The system of claim 13, wherein the processor is programmed to produce a density map by sampling pixel values of the original image.
- The system of claim 12, wherein the initial line pattern is warped based upon gradient information computed from pixel values of the original image.
- 16. The system of claim 15, wherein the processor is programmed to compute gradient information for a pixel location based upon a weighted averaging of gradient information computed from neighboring pixel values.
- 17. The system of claim 12, wherein the initial line pattern is warped based upon a set of displacement values computed for pixel locations along each line of the initial line pattern.
- 18. The system of claim 12, wherein the initial line pattern is warped by inserting or removing one or more lines between adjacent lines of the initial line pattern.





20. A computer-readable medium carrying instructions for:
warping an initial line pattern to produce a warped line pattern; and
mapping an original image onto the warped line pattern to produce an
ngraving-style halftone image.

